

Application No. 10/611,933

Attorney Docket No.: 02P01288US

IN THE CLAIMS

Claims 1-39 are pending in this application with claims 2, 4, 6, 8, 15, 19, 22, 30, 32 and 34 being amended by this response.

Please amend the claims as follows:

1. (Original) A method for supporting therapy planning when creating a training program, comprising:

providing a capability profile for a patient, a first database containing a plurality of skills and an allocation of minimum prerequisites for capabilities required for a respective skill, and a second database, said second database containing a plurality of skills with expert rules relating to the selection of at least one of exercises and capabilities to be treated, and containing at least one of an associated order and weighting for the at least one of exercises and capabilities, for the purpose of acquiring respective skills, taking into account existing capabilities and capability deficits;

automatically evaluating, at a data processing station, the patient's capability profile for at least one patient skill which is to be treated by reverting to the first database to ascertain the existing capabilities and capability deficits;

selecting, by reverting to the second database and taking into account the expert rules, at least one exercise and capability to be treated; and

outputting the at least one selected exercise and capability to be treated, with associated information about at least one of the weighting and order for carrying out training.

2. (Currently Amended) The method as claimed in claim 1, wherein a skills profile for the patient is provided, from which the data processing station automatically ascertains skills, which are to be treated.

3. (Original) The method as claimed in claim 2, wherein at least one of the patient's capability and skills profile is retrieved from at least one of a third and a fourth database.

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4. (Currently Amended) The method as claimed in claim 1, wherein at least one associated target capability is automatically output by the data processing station for each exercise ~~which~~ that is output.
5. (Original) The method as claimed in claim 4, wherein the at least one associated target capability is retrieved from another database, containing a plurality of exercises and an allocation of target capabilities which are trained when performing the respective exercise.
6. (Currently Amended) The method as claimed in claim 5, wherein a further database is provided which contains a plurality of skills and a prioritization of the skills.
7. (Original) The method as claimed in claim 6, wherein the prioritization of the skills in the further database is alterable by a user.
8. (Currently Amended) The method as claimed in claim 6, wherein the data processing station reverts to the further database for the purpose of automatically selecting exercises, usable to treat capabilities in need of treatment, which belong to, that skill to be treated which has the highest prioritization.
9. (Original) The method as claimed in claim 1, wherein the expert rules in the second database, relating to at least one of the selection of exercises and capabilities to be treated and also their at least one of order and weighting, are designed for the fastest possible acquisition of the respective skills.
10. (Original) The method as claimed in claim 1, wherein the data processing station automatically outputs, for all at least one of exercises and capabilities to be treated, at least one of an associated organization unit and organization category which is responsible for at least one of carrying out the exercise and treating the capability.
11. (Original) The method as claimed in claim 1, wherein, in the course of therapy, a current capability profile for the patient is repeatedly provided for the purpose of automatically

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generating proposals for modifying the training program by reverting to the expert rules in the second database again when individual capabilities change.

12. (Original) A system for supporting therapy planning when creating a training program, comprising:

a data processing station, coupled to a first database containing a plurality of capabilities and an allocation of minimum prerequisites for capabilities required for the respective skill, and coupled to a second database containing a plurality of skills with expert rules relating to the selection of at least one of exercises and capabilities to be treated and also at least one of their order and weighting for the purpose of acquiring the respective skills taking into account existing capabilities and capability deficits; and

a module for automatically evaluating a capability profile for a patient by reverting to the first database to ascertain the capabilities and capability deficits existing for a skill to be treated and for selecting and outputting at least one of exercises and capabilities to be treated with information about the at least one of weighting and order for carrying out training by reverting to the second database and taking into account the expert rules.

13. (Original) The system as claimed in claim 12, wherein the module is designed for automatically ascertaining the patient's skills to be treated on the basis of a skills profile for the patient.

14. (Original) The system as claimed in claim 13, wherein the data processing station is coupled to at least one of a third and a fourth database, from which the at least one capability and skills profile is retrievable.

15. (Currently Amended) The system as claimed in claim 12, wherein the data processing station is coupled to a another database containing a plurality of skills and a prioritization for the skills, and wherein the module is designed for automatically selecting exercises by reverting to the another database, the exercises being able to be used to treat capabilities in need of treatment, which belong to, that skill to be treated which has the highest prioritization.

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16. (Original) The system as claimed in claim 15, wherein the module allows the prioritization to be altered by the user.

17. (Original) The system as claimed in claim 12, wherein the module is designed for repeatedly retrieving the patient's capability profile in the course of therapy for the purpose of automatically generating proposals for modifying the training program by reverting to the expert rules in the second database again when individual capabilities change.

18. (Original) The system as claimed in claim 12, wherein the expert rules in the second database are created for the fastest possible acquisition of the respective skills.

19. (Currently Amended) The method as claimed in claim 3, wherein at least one associated target capability is automatically output by the data processing station for each exercise ~~which~~ that is output.

20. (Original) The method as claimed in claim 19, wherein the at least one associated target capability is retrieved from a fifth database, containing a plurality of exercises and an allocation of target capabilities which are trained when performing the respective exercise.

21. (Original) The method as claimed in claim 7, wherein the data processing station reverts to the further database for the purpose of automatically selecting exercises, usable to treat capabilities in need of treatment which belong to that skill to be treated which has the highest prioritization.

22. (Currently Amended) The method as claimed in claim 20, wherein a sixth database is provided which contains a plurality of skills and a prioritization of the skills.

23. (Original) The method as claimed in claim 22, wherein the prioritization of the skills in the sixth database is alterable by a user.

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24. (Original) The method as claimed in claim 23, wherein the data processing station reverts to the sixth database for the purpose of automatically selecting exercises, usable to treat capabilities in need of treatment which belong to that skill to be treated which has the highest prioritization.

25. (Original) The system as claimed in claim 13, wherein the data processing station is coupled to a another database containing a plurality of skills and a prioritization for the skills, and wherein the module is designed for automatically selecting exercises by reverting to the another database, the exercises being able to be used to treat capabilities in need of treatment which belong to that skill to be treated which has the highest prioritization..

26. (Original) The system as claimed in claim 25, wherein the module allows the prioritization to be altered by the user.

27. (Original) The system as claimed in claim 14, wherein the data processing station is coupled to a another database containing a plurality of skills and a prioritization for the skills, and wherein the module is designed for automatically selecting exercises by reverting to the another database, the exercises being able to be used to treat capabilities in need of treatment which belong to that skill to be treated which has the highest prioritization.

28. (Original) The system as claimed in claim 27, wherein the module allows the prioritization to be altered by the user.

29. (Original) A method for supporting therapy planning when creating a training program, wherein a capability profile for a patient, a first database, and a second database, said second database containing;

evaluating a patient's capability profile for at least one treatable patient skill based upon information in a first database, including a plurality of skills and an allocation of minimum prerequisites for capabilities required for a respective skill, to ascertain the existing capabilities and capability deficits;

selecting at least one exercise and capability to be treated based upon information in a

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second database, the second database including a plurality of skills with expert rules relating to the selection of at least one of exercises and capabilities to be treated and including at least one of an associated order and weighting for the at least one of exercises and capabilities for the purpose of acquiring respective skills, taking into account existing capabilities and capability deficits, wherein the selecting takes into account the expert rules; and

outputting the at least one selected exercise and capability to be treated, with associated information about at least one of the weighting and order for carrying out training.

30. (Currently Amended) The method as claimed in claim 29, wherein a skills profile for the patient is provided, from which skills ~~which~~ that are to be treated are ascertainable;

31. (Original) The method as claimed in claim 30, wherein at least one of the patient's capability and skills profile is retrieved from at least one of a third and a fourth database.

32. (Currently Amended) The method as claimed in claim 29, wherein at least one associated target capability is output for each exercise ~~which~~ that is output.

33. (Original) The method as claimed in claim 32, wherein the at least one associated target capability is retrieved from another database, containing a plurality of exercises and an allocation of target capabilities which are trained when performing the respective exercise.

34. (Currently Amended) The method as claimed in claim 33, wherein a further database is provided which contains a plurality of skills and a prioritization of the skills.

35. (Original) The method as claimed in claim 34, wherein the prioritization of the skills in the further database is alterable by a user

36. (Original) The method as claimed in claim 34, wherein the further database is accessed for the purpose of selecting exercises, usable to treat capabilities in need of treatment which belong to that skill to be treated which has the highest prioritization.

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37. (Original) The method as claimed in claim 29, wherein the expert rules in the second database, relating to at least one of the selection of exercises and capabilities to be treated and also their at least one of order and weighting, are designed for the fastest possible acquisition of the respective skills.

38. (Original) The method as claimed in claim 29, wherein, for all at least one of exercises and capabilities to be treated, at least one of an associated organization unit and organization category is output, which is responsible for at least one of carrying out the exercise and treating the capability.

39. (Original) The method as claimed in claim 29, wherein, in the course of therapy, a current capability profile for the patient is repeatedly provided for the purpose of automatically generating proposals for modifying the training program by reverting to the expert rules in the second database again when individual capabilities change.